

FLEXLITE

OPERATOR'S MANUAL CORDLESS WORKLIGHT FLX6SB



Your worklight has been engineered and manufactured to our high standard for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.



WARNING:

To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

Thank you for buying FLEXLITE products.

SAVE THIS MANUAL FOR FUTURE REFERENCE

Patent pending



Printed and made in Canada

GENERAL SAFETY RULES



WARNING!

READ AND UNDERSTAND ALL INSTRUCTIONS.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

WORK AREA

- **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
- **Working temperature.** This worklight is designed to be used at normal room temperature. If used under 0°C (32°F) the battery will discharge faster. If used over 45°C (113°F) an automatic cut-off will turn the light off until the temperature of the light head comes down. Depending on if the work area is closed, with or without a fresh air draft, the cut-off temperature can be affected (see Features for more information).
- FLEXLITE is designed to be used in an industrial environment in rain, snow and dust, but FLEXLITE products can not be immersed in water. If the working area is moist and dusty, some particles will stick on the fan or heatsink and reduce the performance. See maintenance section to remove any dirt.



DANGER!

Never connect / disconnect or use an external power supply or charger in a hazardous area.



DANGER!

Never connect or disconnect the connector on the lighthouse or any extension cord when the power is on or in a hazardous area.

ELECTRICAL SAFETY

- **A battery operated worklight with integral batteries charger (FLX6SB) must be connected properly to a 12Volts DC source to be recharged.** Using another wallmount charger clip may create a risk of fire.
- **Use wallmount adaptor only with the product listed.**
110-240Vac CHARGER LIGHTER PLUG
FLXSB-AC FLXSB-LP

SERVICE

- **Worklight service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel may result in a risk of injury.
- **When servicing a worklight, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of shock or injury.

STORAGE TEMPERATURE

- Store worklight at room temperature between 4 and 27°C (40 and 80°F) for best results.
 - When transporting or temporarily storing in a vehicle, temperature range should be between -35°C(-31°F) and 66°C(151°F).
- **Storing worklight at temperatures greater than 76°C (169°F) for extended periods of time (more than 2 hours) may cause damage to worklight and possible fire or explosion.**



DANGER!

Never store FLEXLITE (battery models) in sunshine.

SPECIFIC SAFETY RULES

- **Know your worklight.** Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this worklight. Following this rule will reduce the risk of electric shock, fire, or serious injury.
- **Lens and housing become hot during use:**
 - During or immediately after use, don't lay worklight flat on lens surface or place lens area in contact with a plastic or fabric covered surface.
 - Handle worklight with care around any flammable surface.
 - Do not use or permit use of worklight in bed or sleeping bags. This worklight lens can melt fabric and a burn injury could result.
- **Use only the adaptor recommended for use with your worklight.** Do not substitute any other adaptor. Use of another adaptor could cause batteries to explode causing possible serious injury.
- **Do not charge battery pack in a damp or wet location.** Following this rule will reduce the risk of electrical shock.
- **Your battery worklight should be charged in a location where the temperature is more than 10°C (50°F) but less than 37°C (99°F).**
- **Do not disassemble your worklight.**
- **Do not permit children to use worklight unsupervised.** It is not a toy. The temperature of the light head will become hot after being on for only a short period of time. This hot temperature can cause burn injury if touched and can create sufficient heat to melt some fabrics.
- **Stay alert.** Watch what you are doing and use common sense. Do not rush.
- **If wrapped or in contact with fabrics, the worklight lens can produce sufficient heat to melt some fabrics.** To avoid serious personal injury, never allow the worklight lens to come in contact with anything.
- **Check damaged parts.** Before further use of this worklight, a part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Do not use worklight if it does not function properly.



WARNING!

STAND

Do not install the light stand outside in windy weather. The stand can fall and injuries could result.



WARNING!

LED LIGHT

Do not stare into the beam or view directly with or without optical instruments.



WARNING!

Do not project the light toward a road, another person or any vehicle to prevent blindness. Doing so, may result in serious injuries or death.

SAFETY RULES FOR CHARGER



WARNING!

READ AND UNDERSTAND ALL INSTRUCTIONS.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

- **Before using battery adaptor**, read all instructions and cautionary markings in this manual, on the battery charger and on the product using the battery to prevent misuse of the products and possible injury or damage.



CAUTION:

To reduce the risk of electric shock or damage to the charger and battery, charge only batteries as specifically designated on your adaptor. Other types of batteries may burst, causing personal injury or damage.

- **Do not use charger outdoors or expose to wet or damp conditions.** Water entering adaptor will increase the risk of electric shock.
- **Use of an attachment not recommended or one sold by another manufacturer may result in a risk of fire, electric shock, or injury to people.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not abuse the cord of the adaptor.** Never use the cord to carry the adaptor. Do not pull the charger cord rather than the plug when disconnecting from receptacle. Damage to the cord or charger could occur and create an electric shock hazard. Replace damaged cords immediately.
- **Make sure cord is located so that it will not be stepped on, tripped over, come in contact with sharp edges or moving parts or otherwise subjected to damage or stress.** This will reduce the risk of accidental falls, which could cause injury, and damage to the cord, which could result in electric shock.

- **Keep cord and adaptor away from heat to prevent damage to housing or internal parts.**
- **Do not let gasoline, oils, petroleum-based products, etc. come in contact with plastic parts.** They contain chemicals that can damage, weaken, or destroy plastic.
- **An extension cord should not be used unless absolutely necessary.** Use of an improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure:

- That pins on plug of extension cord are the same number, size and shape as those of plug on charger.
- That the extension cord is properly wired and in good electrical condition; and
- That wire size is large enough for AC ampere rating of adaptor as specified below:





Cord Length (Feet)	25'	50'	100'
Cord Size (AWG)	16	16	16

NOTE: AWG = American Wire Gauge




- **Do not operate adaptor with a damaged cord or plug**, which could cause shorting and electric shock. If damaged, have the charger replaced by an authorized serviceman.
- **Do not operate adaptor if it has received a sharp blow, been dropped, or otherwise damaged in any way.** Take it to an authorized serviceman for an electrical check to determine if the charger is in good working order.
- **Do not disassemble adaptor.** Take it to an authorized serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- **Unplug adaptor from outlet before attempting any maintenance or cleaning to reduce the risk of electric shock.**
- **Disconnect adaptor from the power supply when not in use.** This will reduce the risk of electric shock or damage to the charger if metal items should fall into the opening. It also will help prevent damage to the charger during a power surge.
- **Risk of electric shock.** Do not touch uninsulated portion of output connector.
- **Save these instructions.** Refer to them frequently and use them to instruct others who may use this worklight. If you loan someone this worklight, loan them these instructions also to prevent misuse of the product and possible injury.

SYMBOLS

Some of the following symbols may be used on this worklight. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the worklight better and more safely.

SYMBOL	NAME	DESIGNATION/EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watt	Power
min	Minutes	Time
	Alternating Current	Type of current
	Direct Current	Type or a characteristic of current
	Class II Construction	Double-insulated construction
	Safety Alert	Precautions that involve your safety.

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	DANGER :	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING :	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION :	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION :	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

SERVICE

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service we suggest you return the product to your nearest **AUTHORIZED SERVICE CENTER** for repair. When servicing, use only identical replacement parts.



WARNING:

To avoid serious personal injury, do not attempt to use this product until you have thoroughly read and completely understood the operator's manual. Save this operator's manual and review frequently for continuing safe operation and instructing others who may use this product.

SAVE THESE INSTRUCTIONS

FEATURES

PRODUCT SPECIFICATIONS

FLX6SB

Battery (Must be replaced by a qualified service center)	SA-BP12C14.4V
Charger adaptor Input	FLXSB-AC : 100 to 240V, 50 to 60Hz, AC
	Or
	FLXSB-LP : 12V DC lighter plug
Weight.....	8.5 lbs
LUMEN.....	for 1 headlight at 100%: 1755 lumens
	at 50% : 878 lumens
	at 25% : 439 lumens
Efficacy.....	93%
Color temperature.....	5000°K
Depth.....	10 cm
Length.....	123 cm
Width.....	8.5 cm
Standard housing material.....	Anodized aluminum + painted steel + plastic
Maximum height extended.....	294 cm

Battery performance at 21°C (70°F)	for 1 head	for 2 heads
At 100%.....	11 hours	6 hours
At 50%.....	20 hours	11 hours
At 25%.....	38 hours	20 hours
Flashing mode.....	18 hours	9 hours

Working temperature.....	-20 to 50°C (-4 to 122°F)
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Optional: see our website for more options

- Harness for transportation on your back
#FLX-HTB
- Transformer to recharge FLX6SB on 110 or 240V AC
#FLX-Ad-12V4A

ASSEMBLY

UNPACKING

This product has been shipped completely assembled.

- Carefully remove the worklight and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the worklight carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the worklight.
- If any parts are damaged or missing, please call 1-866-854-1411 for assistance.

PACKING LIST

Worklight
Operator's Manual
Wallmount charger



WARNING:

If any parts are missing do not operate this worklight until the missing parts are replaced. Failure to do so could result in possible serious personal injury.



WARNING:

Do not attempt to modify this worklight or create accessories not recommended for use with this worklight. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.



WARNING:

Never disconnect the connector on the light head unit when power is turned « on ».



WARNING:

Keep FLEXLITE out of reach of children. The worklight may cause serious injuries. To avoid possible strangulation, keep harness away from children. This worklight is not a toy.

OPERATION



WARNING:

Do not allow familiarity with worklights to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.



WARNING:

Do not use any attachments or accessories not recommended by the manufacturer of this worklight. The use of attachments or accessories not recommended can result in serious personal injury.

CHARGING THE BATTERY

The battery for this worklight is shipped in a low charge condition to prevent possible problems. Therefore, you should charge the battery for a minimum of 6 hours.

TO CHARGE

- Charge the battery pack only with the recommended adaptor.
- See « FEATURES » section on page 6.
- Connect the adaptor properly to power supply.
- Turn off the light, clip and lock the FLX6SB on the wallmount adaptor.
- After normal usage, minimum 4 hours of charging time is required to be fully charged.
- Do not place the FLX6SB in an area of extreme heat or cold. It will work best at normal room temperature.

- When the battery becomes fully charged, unplug the charger from the power supply.
- The charger will cut off automatically if battery is fully charged.



WARNING:

Keep the wallmount charger and the worklight out of reach of children.



WARNING:

Do not try to open wallmount charger or worklight. No parts can be changed by user. To replace battery, return worklight and wallmount charger to authorized service center.

IMPORTANT INFORMATION FOR RECHARGING A HOT WORKLIGHT

When using the worklight continuously, the batteries in the battery pack will become hot. You should let a hot battery pack cool down for approximately 30 minutes before attempting to recharge.

NOTE: Refer to “CHARGING THE BATTERY” for normal recharging of batteries. If the charger does not charge your battery pack under normal circumstances, return both the battery pack and charger to your nearest repair center for electrical check. For the location of your nearest repair center, please call 1-866-854-1411.

OPERATION

Use « Touch Pad » switch in front of the lighthouse :

TO TURN WORKLIGHT ON: *Push and hold 2 seconds.*

DIM FROM 100% TO 50% : *Push quickly once.*

DIM FROM 50% TO 25%: *Push quickly another time.*

FLASHING MODE: *Push quickly another time.*

TURN OFF: *Push and hold 2 seconds at anytime.*

SAFETY ADVICE

- If the light head becomes too hot, an integrated electronic device will turn down the light power to 25% of efficiency on blinking mode. If the temperature still increases, the device will cut off the light automatically. Verify if the heatsink is clean. If the problem persists, return the worklight to an authorized service center.
- When the battery becomes discharged, the light head will automatically turn down the light power to 25% of efficiency to allow the user several minutes to leave the dark area.

MAINTENANCE



WARNING:

When servicing use only identical **FLEXLITE** replacement parts. Use of any other parts may create a hazard or cause product damage.



WARNING:

Always wear safety goggles or safety glasses with side shields when using compressed air to clean worklights. If operation is dusty, also wear a dust mask.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

FAN AND /OR HEATSINK MAINTENANCE

- This FLEXLITE is made with an integrated cooling fan designed to resist rain and dust. This fan and air flow heatsink must be cleaned frequently to perform well. Use only a **low air pressure** gun to clean and remove any dust. Don't use solvent, soap or cleaner. The unit is clean when you can see across the heatsink.



WARNING:

Do not immerse in water.



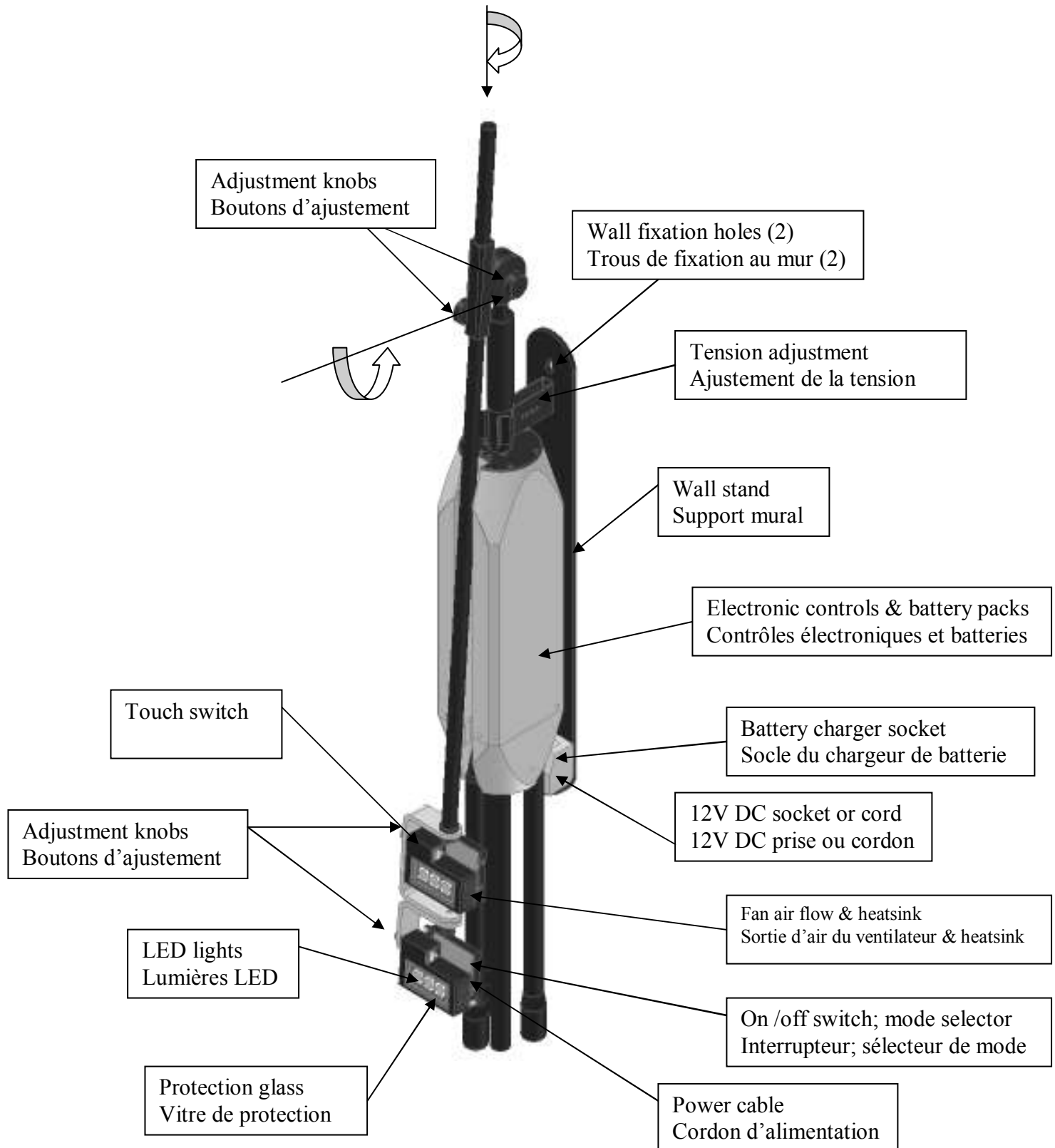
WARNING:

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

BATTERIES

This worklight is equipped with lithium-ion Polymer rechargeable batteries. Length of time before servicing will depend on the type of work you are doing. The batteries in the housing have been designed to provide maximum trouble-free life. However, like all batteries, they will eventually wear out. Do not disassemble housing and attempt to replace the batteries. Handling of these batteries, especially when wearing rings and jewelry, could result in a serious burn. **Battery Life:** Batteries that lose 20% of their capacity must be removed from service and disposed of properly. Return FLEXLITE to your servicing center to replace the battery.

KNOW YOUR FLEXLITE



WARRANTY

FLEXLITE 1 YEAR LIMITED SERVICE WARRANTY

Proof of purchase must be presented when requesting warranty service.

Limited to FLEXLITE purchased 1st December 2010 and after. This product is manufactured by FP Technologies. The FLEXLITE trademark is licensed by FP Technologies. All warranty communications should be directed to FP Technologies Technical Service at (toll free) 1-866-854-1411.

GUARANTEE POLICY

To receive a replacement you must present proof of purchase and return all original equipment packaged with the original product. The replacement will be covered by the limited warranty for the balance of the 1 YEAR service warranty period.

WHAT IS COVERED UNDER THE 1 YEAR LIMITED SERVICE WARRANTY

This warranty on FLEXLITE covers all defects in workmanship or materials including the brushes, switches, LED and cables, for one year after the purchase date. Malfunction is covered by warranty only if the product has been used normally and not if it results from misuse.

Warranties for other FLEXLITE products may vary.

HOW TO OBTAIN SERVICE

To obtain service for this FLEXLITE you must return it freight prepaid, or take it in to an authorized service center for FLEXLITE. You may obtain the location of the authorized service center nearest you by calling (toll free): 1-866-854-1411 or by logging on to the FLEXLITE website at www.flexlite.ca. When requesting warranty service, ask for a RMA number before returning any products and you must present the original dated sales receipt. The authorized service center will repair any faulty workmanship, and at our discretion either repair or replace any part covered under the warranty at no charge to you.

WHAT IS NOT COVERED

This warranty applies only to the original purchaser and may not be transferred. This warranty only covers defects arising under normal usage and does not cover any malfunction, failure or defect resulting from misuse, abuse, neglect, alteration, modification or repair by other than an authorized service center for FLEXLITE brands.

FLEXLITE MAKE NO WARRANTIES, REPRESENTATIONS OR PROMISES AS TO THE QUALITY OR PERFORMANCE OF ITS WORKLIGHT OTHER THAN THOSE SPECIFICALLY STATED IN THIS WARRANTY.

ADDITIONAL LIMITATIONS

To the extent permitted by applicable law, all implied warranties, including warranties of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, are disclaimed. Any implied warranties, including warranties of merchantability or fitness for a particular purpose, that cannot be disclaimed under state law are limited to one year from the date of purchase. FLEXLITE are not responsible for direct, indirect, incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.